

## ABSTRACT OF THE DISCLOSURE

The invention relates to a bone filler comprising calcium salt particles, an organic binder having an affinity for calcium phosphate, cells chosen from the group of stem cells, osteogenic cells, and osteoprogenitor cells, and a pharmaceutically acceptable buffer. A great advantage of a bone filler, according to the invention, is that it is an injectable formulation that allows for its introduction in an osseous defect through the needle of a syringe.